

32692

Customer Number

Patent

Case No.: 60209US002



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First/Named Inventor: BAETZOLD, JOHN P.

Application No.: 10/596953

Confirmation No.: 2864

Filed: December 17, 2004

Title: ACOUSTIC SENSORS AND METHODS


**INFORMATION DISCLOSURE STATEMENT**

Mail Stop: Amendment  
Commissioner for Patents  
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Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

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May 23, 2007   
Date Signed by: Judy Knutson

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

This Information Disclosure Statement is being filed within three months of the filing date of the application, or within three months of entry into the national stage, or before the mailing of a first Office Action on the merits.

**Fees**

- ☒ It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.
- ☐ The fee required under 37 CFR § 1.17(p) will be paid at the time of EFS-Web submission. In the event fees are not or cannot be paid at the time of EFS-Web submission, please charge any fees under 37 CFR § 1.17 which may be required to Deposit Account No. 13-3723.
- ☐ Please charge the fee provided in 37 CFR § 1.17(p) to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

**Copies of Documents**

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

Respectfully submitted,

May 17, 2007  
Date

By: Nancy M. Lambert  
Nancy M. Lambert, Reg. No.: 44,856  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 2995542	8.1961	Brown	
	A2	US- 3637845	2.25.1972	Moore et al.	
	A3	US- 4195023	3.25.1980	Mulvey et al.	
	A4	US- 4713389	12.15.1987	Salzburg et al.	
	A5	US- 4738708	4.19.1988	Borrod et al.	
	A6	US- 5238950	8.24.1993	Clader et al.	
	A7	US- 5246846	9.21.1993	Pittner et al.	
	A8	US- 5674742	10.7.1997	Northrup et al.	
	A9	US- 5674742	10.7.1997	Northrup et al.	
	A10	US- 5747244	5.5.1998	Sheridan et al.	
	A11	US- 5880552	3.9.1999	McGill et al.	
	A12	US- 5948166	9.7.1999	David et al.	
	A13	US- 7078172	7.18.2006	Okamura et al.	
	A14	US- 7078517	7.18.2006	Takahashi et al.	
	A15	US- 7179923	2.20.2007	Benson et al.	
	A16	US- 7211445	5.1.2007	Pozsgay	

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
	B1	WO	01/11370	2.15.2001			
	B2	WO	02/094890	11.28.2002			
	B3	WO	03/084982A2	10.16.2003			
	B4	WO	03/093785A2	11.13.2003			
	B5	JP	53 063375	6.6.1978			Yes
	B6						
	B7						
	B8						

\*Examiner:

Date Considered:

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Information Disclosure Statement)

<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 2 of 3	<b>Application Number</b>	<b>10/596953</b>
	<b>Filing Date</b>	<b>December 17, 2004</b>
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OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	Bozhinov et al., "Synthesis of new flame retardable sulfonamides in phase-transfer catalysis conditions", <i>Chemical Abstracts</i> , 117:235734, 1992	
	C2	Chiyomaru et al., "Fungicides for agricultural use", Database accession no. 1973: 144282 XP-002331203	
	C3	Chiyomaru et al., "2-Substituted 1,2-benzisothiazolin-3-one 1,1-dioxides", Database accession no. 1972: 77 :164667 XP-002331204	
	C4	Chiyomaru et al., "2-Substituted 1,2-benzisothiazolin-3-one 1-dioxide", 1975, <i>Chemical Abstracts</i> 82:140119	
	C5	Hashimoto et al., "Preparation of N-(phenylsulfenyl)-2-chloroacetamides as herbicides", 1991, CAS: 115:207678	
	C6	Iwakura et al., "Benzenesulfonamide derivatives", 1980, CAS: 92:41570	
	C7	Kato, et al., 1973, "Syntheses of imide derivatives", <i>Chemical Abstracts</i> 78:124224	
	C8	Kato et al., "Electrophotographic material for lithographic plate preparation" <i>Chemical Abstracts</i> , 120:65816, 1994	
	C9	Kharasch et al., "Reactions of atoms and free radicals in solution." <i>Chemical Abstracts</i> , 47:1656c-I, 1953	
	C10	Lahiri, J., et al., "Patterning Ligands on Reactive SAMs by Microcontact Printing", <i>Langmuir</i> , 1999, 15, 2055-2060	
	C11	Luheshi et al., "Heterocycles by Intramolecular Aza-Wittig Reactions of Iminophosphoranes Obtained from 2-Azidobenzoyl- and 2-Azidobenzylidene Derivatives", 1990, <i>Tetrahedron Letters</i> , 31(45), pp. 6561-6564	
	C12	Lukovits, "Decomposition of the Wiener Topological Index. Application to Drug-Receptor Interactions", <i>Journal of the Chemical Society Perkins Transactions II</i> , 1988, pp/ 1667-1671	
	C13	Mandel'baum, et al., "Synthesis of derivatives of S-[1-(N-methyl-N-methylsulfonyl)carbamoyl-ethyl]thio- and -dithiophosphoric acid" 1975, <i>Chemical Abstracts</i> : 82:57814	
	C14	Mine, et al., 1972, "2-Carbamoyl-1, 2-benzisothiazolin-3-one 1,1-dioxides", <i>Chemical Abstracts</i> : 76:14533	
	C15	Naumov et al., "Spectra-structure correlations in solid metal saccharinates" 2002, <i>Chemical Abstracts</i> : 137:83888	
	C16	Niculescu, M., et al., "Redox Hydrogel-Based Amperometric Bionzyme Electrodes for Fish Freshness Monitoring", <i>Anal. Chem.</i> 2000, 72, 1591-1597	
	C17	Schrader's, "Esters of mono- or dithiophosphoric, phosphonic, and phosphinic acids", 1964, CAS: 60:3301	

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	C18	Shah, R.R., et al., "Using Liquid Crystals To Image Reactants and Products of Acid-Base Reactions on Surfaces with Micrometer Resolution", <i>J. Am. Chem. Soc.</i> , 1999, 121, 11300-11310	
	C19	Shah, R.R., et al., "Principles for Measurement of Chemical Exposure Based on Recognition-Driven Anchoring Transitions in Liquid Crystals", <i>Science</i> , 2001, 293, 1296.	
	C20	Wagner, P., et al., "Covalent Immobilization of Native Biomolecules onto Au(111) via N-Hydroxysuccinimide Ester Functionalized Self-Assembled Monolayers for Scanning Probe Microscopy", <i>Biophysical. Journal</i> , 1996, Vol. 70, 2052-2066	
	C21	Wang, J., et al. "Ultrathin Porous Carbon Films as Amperometric Transducers for Biocatalytic Sensors", <i>Anal. Chem.</i> 1994, 66, 1988-1992	
	C22	Webb, et al., "Appraisal of ethylene production as a test for defoliants", <i>Chemical Abstracts</i> , 83:189238, 1975	
	C23	Yamahara et al., <i>Chemical Abstracts</i> , 133:357243, 2000.	
	C24		
	C25		
	C26		
	C27		

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